

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20070166587").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:31
S2	345	NEC.as. and (fuel near2 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/19 10:43
S3	7	NEC.as. and (fuel near2 cell) and heater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/19 10:44
S4	1	NEC.as. and (fuel near2 cell) and combust	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/19 10:59
S5	20	((SATOSHI) near2 (NAGAO)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:00
S6	9	((SATOSHI) near2 (NAGAO)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:01
S7	73	((YOSHIMI) near2 (KUBO)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:11
S8	45	((YOSHIMI) near2 (KUBO)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:12
S9	25	((YOSHIMI) near2 (KUBO)).INV. and (fuel near2 cell) and (heat or combust)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:14
S10	62	((TSUTOMU) near2 (YOSHITAKE)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:39
S11	1	((TSUTOMU) near2 (YOSHITAKE)).INV. not S5 not S7 and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:40
S12	51	((TAKASHI) near2 (MANAKO)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:42

S13	40	((TAKASHI) near2 (MANAKO)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:43
S14	6	((TAKASHI) near2 (MANAKO)).INV. and (fuel near2 cell) not S5 not S7 not S10	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:43
S15	28	((HIROSHI) near2 (KAJITANI)).INV.	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:51
S16	16	((HIROSHI) near2 (KAJITANI)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:51
S17	1	((HIROSHI) near2 (KAJITANI)).INV. and (fuel near2 cell) not S5 not S7 not S10 not S14	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:51
S18	4	((HIDEKAZU) near2 (KIMURA)).INV. and (fuel near2 cell) not S5 not S7 not S10 not S12 not S15	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:53
S19	0	((EIJI) near2 (AKIYAMA)).INV. and (fuel near2 cell) not S5 not S7 not S10 not S12 not S15 not (((HIDEKAZU) near2 (KIMURA)).INV.)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:57
S20	0	((EIJI) near2 (AKIYAMA)).INV. and (fuel near2 cell) not S5 not S7 not S10 not S12 not S15	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:57
S21	12	((EIJI) near2 (AKIYAMA)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:57
S22	5	((EIJI) near2 (AKIYAMA)).INV. and (fuel near2 cell) not S5	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:57
S23	9	((WATANABE) near2 (YOSHINORI)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 11:59
S24	2	((WATANABE) near2 (YOSHINORI)).INV. and (fuel near2 cell) not S5	US-PGPUB; USPAT	OR	OFF	2010/03/19 12:00
S25	0	((YASUTAKA) near2 (KONO)).INV. and (fuel near2 cell) not S5	US-PGPUB; USPAT	OR	OFF	2010/03/19 12:00
S26	5	((YASUTAKA) near2 (KONO)).INV. and (fuel near2 cell)	US-PGPUB; USPAT	OR	OFF	2010/03/19 12:00
S27	1	("20020146610").PNL	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:14

S28	1	("4562123").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:15
S29	1	("20030082427").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:33
S30	1	("20060204814").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:38
S31	1	("4493878").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:41
S32	1	("7147950").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:43
S33	1	("20040209133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 13:52
S34	21023	(429/12-46).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 08:36
S35	633	S34 and ((heater or combustor or heating or combusting) same (low near2 temperature))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 08:38
S36	27	S34 and ((heater or combustor or heating or combusting) same (low near2 temperature) same (combusted or combusting))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 08:38
S37	787	S34 and ((heater or combustor or heating or combusting) same ((solid or polymer) near (electrolyte or membrane)))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 08:44
S38	42	S34 and ((heater or combustor or heating or combusting) same ((solid or polymer) near (electrolyte or membrane)) same (cold or freez\$3 or (low near temperature)))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 08:46
S40	1	("2003008187").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 10:45
S41	2	((("20030148154") or ("20020031692")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 11:08
S42	1	("6068941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 12:57
S43	1	("4713303").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:04

S44	1275	((direct near2 methanol or (liquid near3 fuel)) with (fuel near2 cell)) and ((heat or heat\$3) same (cold or (low near2 temperature) or (start near2 up) or freez\$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:15
S45	133	((direct near2 methanol or (liquid near3 fuel)) with (fuel near2 cell)) same ((heat or heat\$3) same (cold or (low near2 temperature) or (start near2 up) or freez\$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:15
S46	102	((direct near2 methanol or (liquid near3 fuel)) with (fuel near2 cell)) same ((heat or heat\$3) same (cold or (start near2 up) or freez\$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:16
S47	10	((direct near2 methanol or (liquid near3 fuel)) with (fuel near2 cell)) same ((burner or combustor) same (cold or (start near2 up) or freez\$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:17
S48	169	((direct near2 methanol or methanol) with (fuel near2 cell)) or DMFC) and ((burner or combustor) same (cold or (start near2 up) or freez\$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:23
S49	586	((direct near2 methanol or methanol) with (fuel near2 cell)) or DMFC) and ((burner or combustor or heater) same (cold or (start near2 up) or freez\$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:23
S50	96	((direct near2 methanol or methanol) with (fuel near2 cell)) or DMFC) and ((burner or combustor or heater) same (cold or (start near2 up) or freez\$3 or froz\$2) same methanol)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:24

S51	52	(((((direct near2 methanol) or methanol) with (fuel near2 cell)) or DMFC) and (PEM or (polymer near2 (membrane or electrolyte)))) and ((burner or combustor or heater) same (cold or (start near2 up) or freez\$3 or froz\$2) same methanol)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:25
S52	0	(((((direct near2 methanol)) with (fuel near2 cell)) or DMFC) same (PEM or (polymer near2 (membrane or electrolyte)))) same ((burner or combustor or heater) same (cold or (start near2 up) or freez \$3 or froz\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:29
S53	35	(((((direct near2 methanol)) with (fuel near2 cell)) or DMFC) same (PEM or (polymer near2 (membrane or electrolyte)))) and (((burner or combustor or heater) same (cold or (start near2 up) or freez \$3 or froz\$2)))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 13:29
S54	1	("6186254").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 14:19
S55	1	("20030148149").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 14:31
S56	1	("6127058").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 17:53

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